Fig. 1

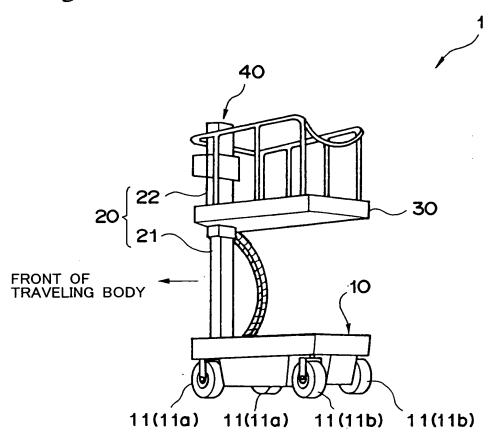


Fig. 3

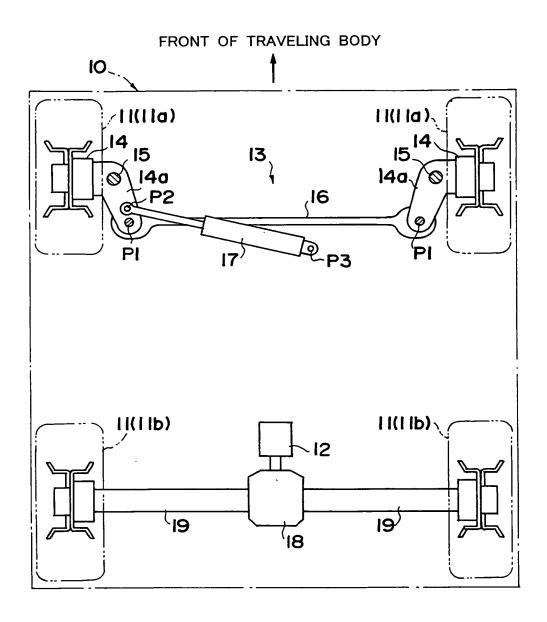


Fig. 4A

STEERING ANGLE $\gamma=0$

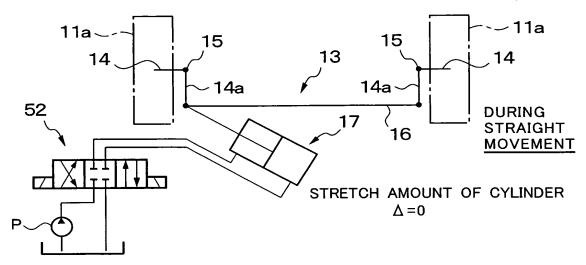


Fig. 4B

13

DURING
ROTATION
IN RIGHT
DIRECTION

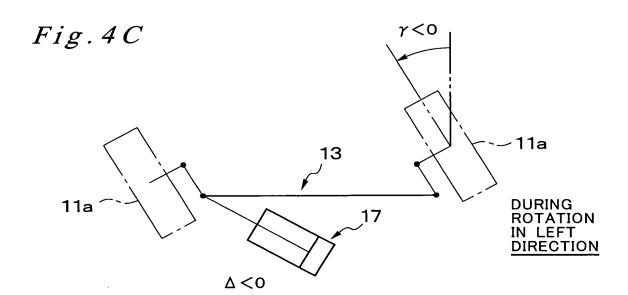


Fig. 5

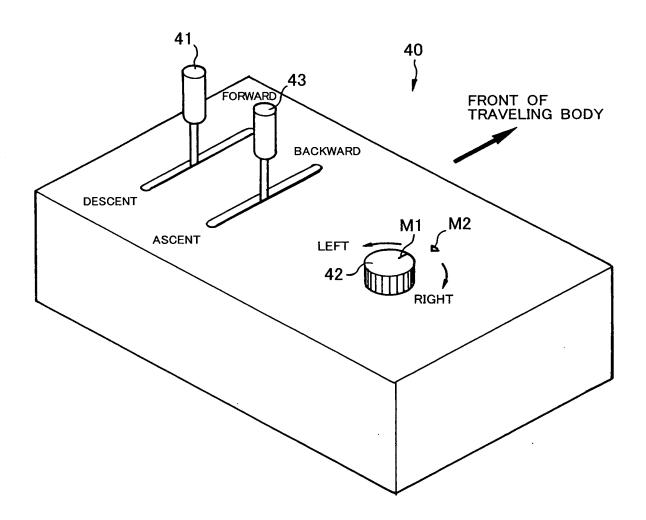


Fig. 6

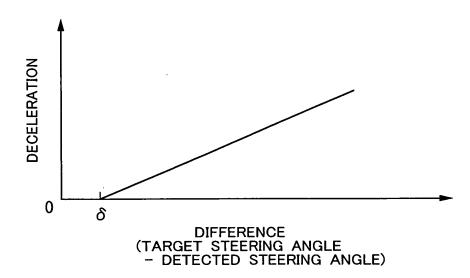


Fig. 7A

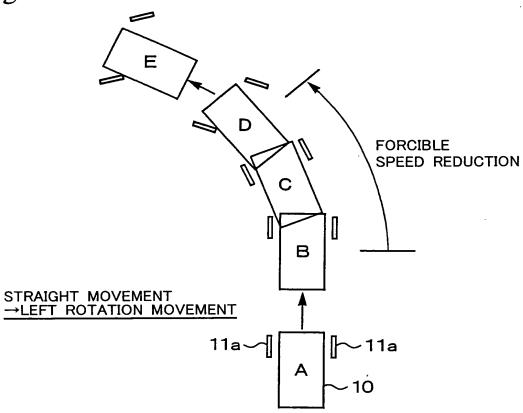


Fig. 7B

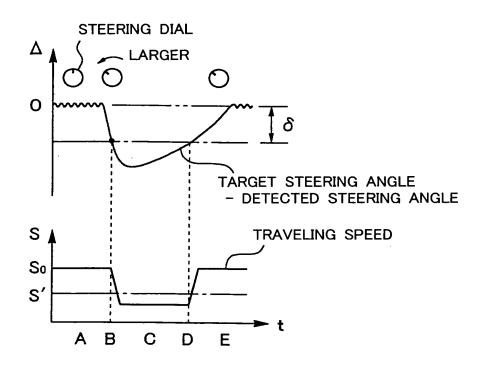


Fig. 8A

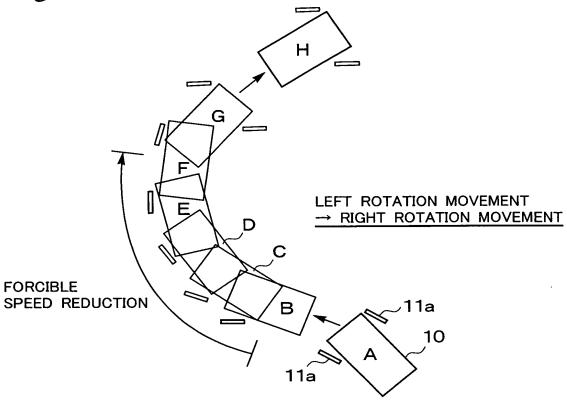


Fig. 8B

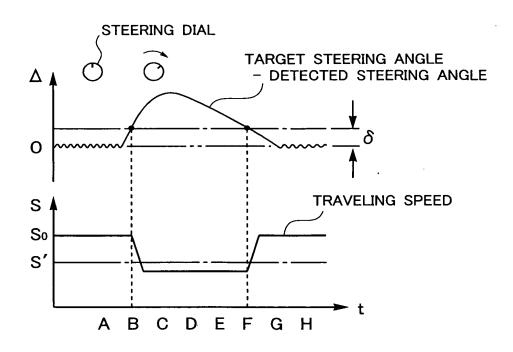


Fig.9A

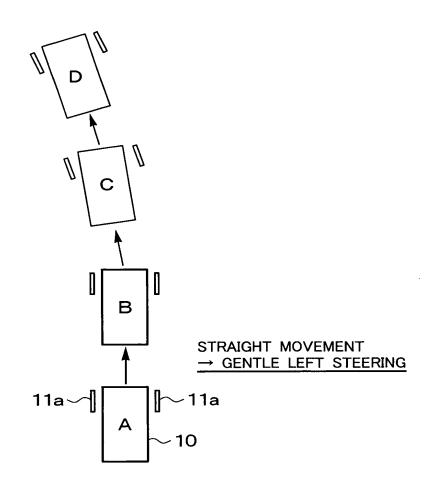
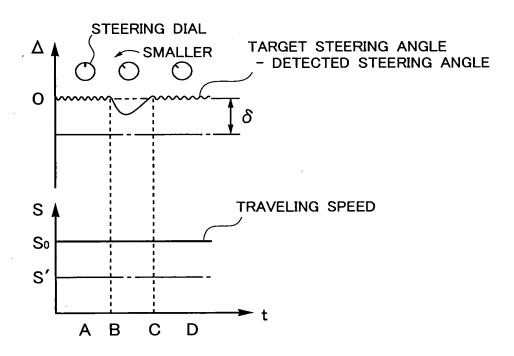


Fig.9B



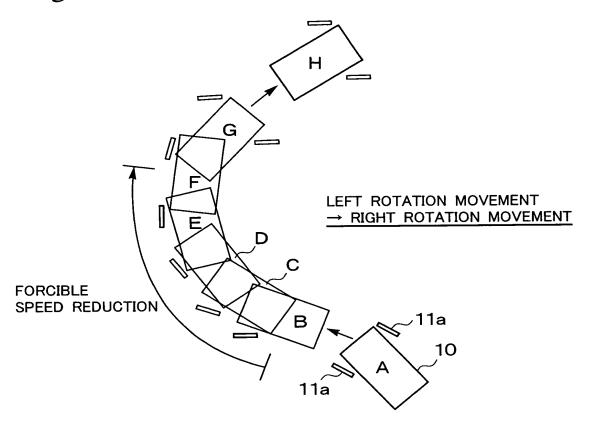
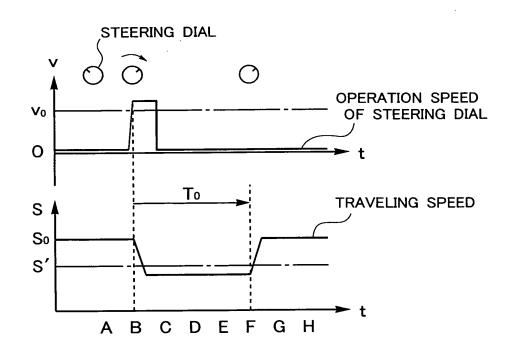


Fig. 10B



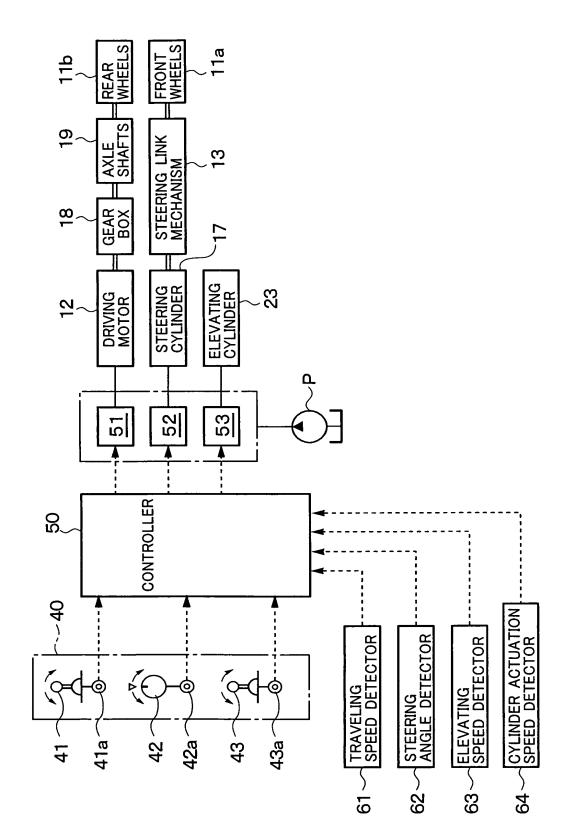


Fig. 12A

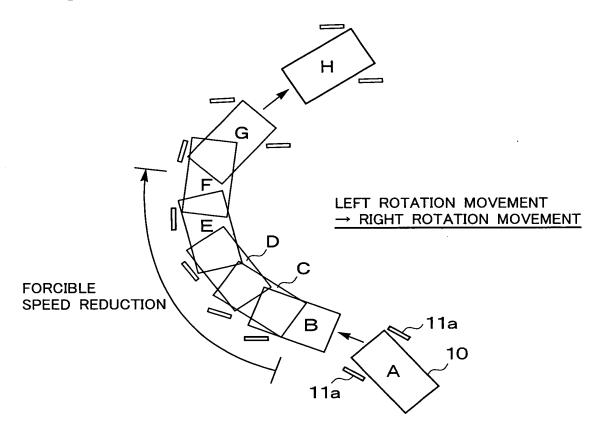
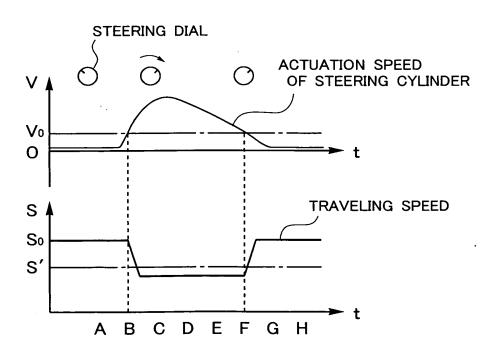


Fig. 12B



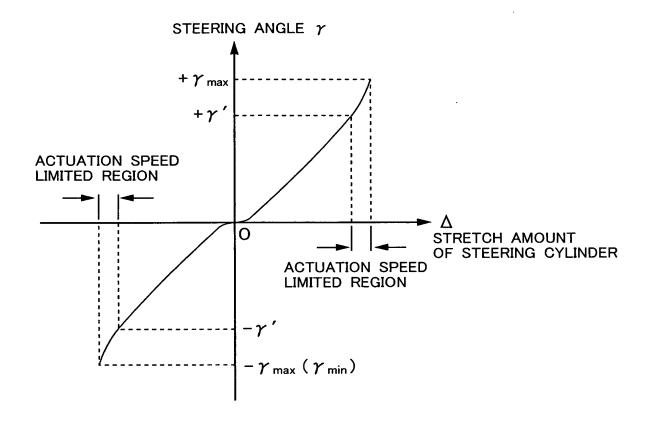


Fig. 13B

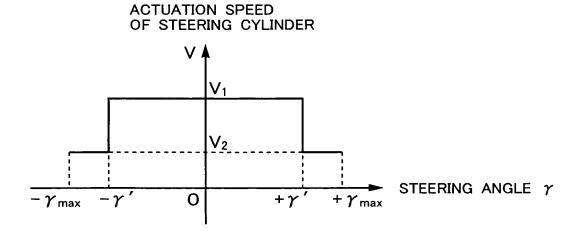


Fig. 14

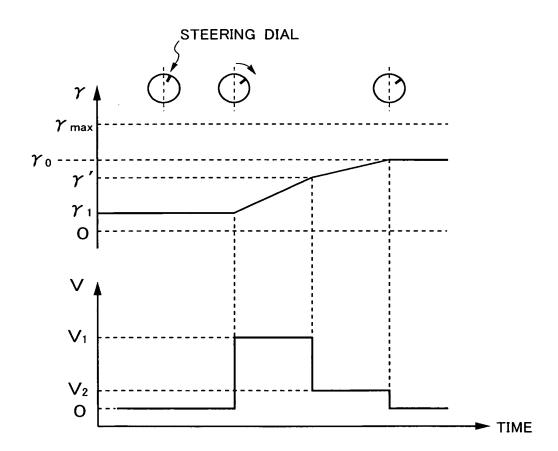


Fig. 15

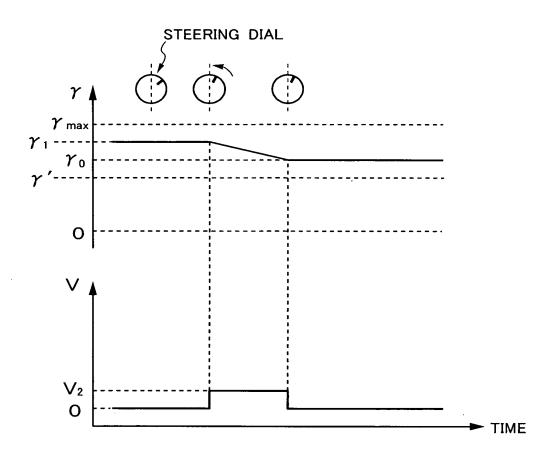


Fig. 16

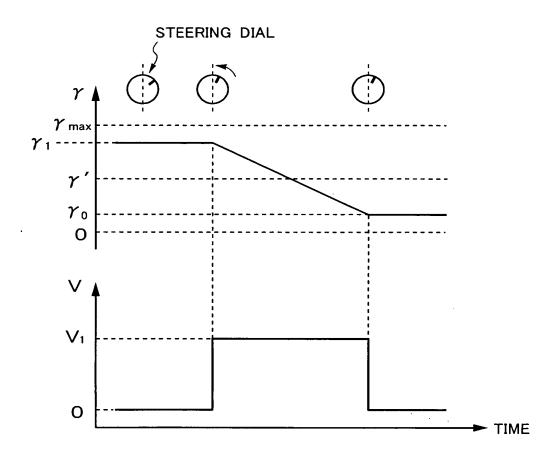
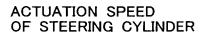


Fig. 17



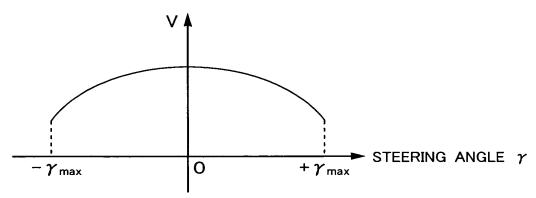


Fig. 18A

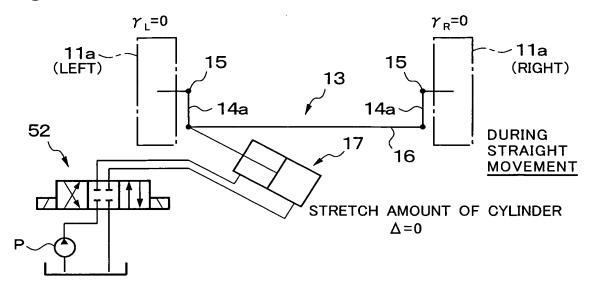
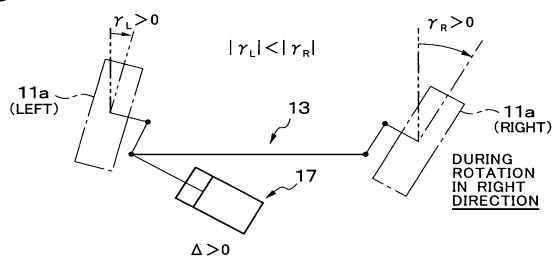


Fig. 18B



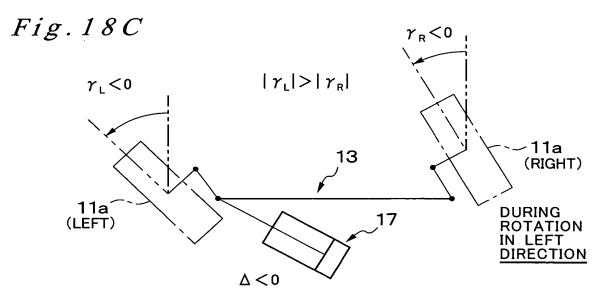
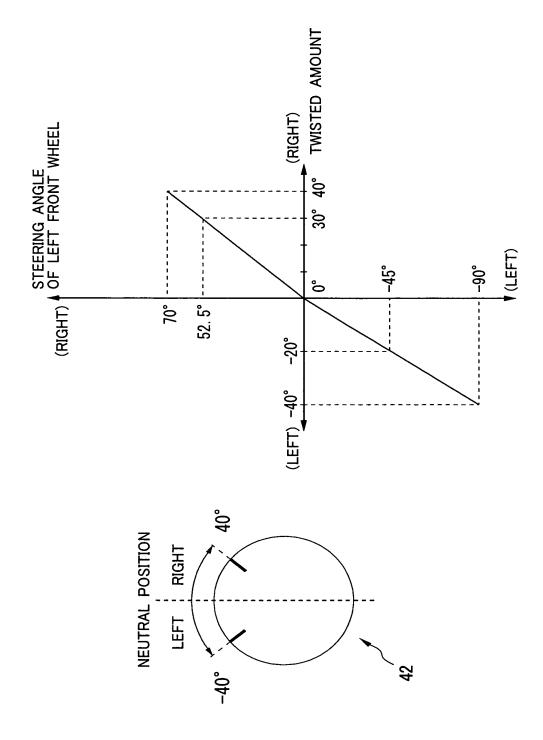


Fig. 19



STEERING ANGLE OF RIGHT FRONT WHEEL STEERING ANGLE (RIGHT) OF LEFT FRONT WHEEL (RIGHT) 67.5°90° Fig. 20B **20** 52.5° (LEFT) -70°-35° DURING COUNTERCLOCKWISE MAXIMUM ROTATION 40° 42 DURING STRAIGHT MOVEMENT DURING CLOCKWISE MAXIMUM ROTATION ဝိ RIGHT FRONT WHEEL Fig. 20A <u>_</u> (06) 。 0 11a (RIGHT) STEERING ANGLE DETECTOR 0° STEERING ANGLE DETECTOR 70° LEFT FRONT WHEEL <u>0</u> 11a(LEFT)

(LEFT)

1a(RIGHT)

1a(LEFT)

-40。

(-200°)

STEERING ANGLE DETECTOR -90°